

A circular black ink stamp from the Patent &amp; Trademark Office. The text "PATENT &amp; TRADEMARK OFFICE" is curved along the bottom inner edge. The date "MAR 05 2009" is stamped in the center. At the top, the word "TYPE" is partially visible, and the number "1497" is at the top right.

Co/c

In re Patent of:

) Examiner: J. Wang  
) Group Art Unit: 2628

Group Art Unit: 2628

) :

$$\begin{pmatrix} \vdots \\ \vdots \\ \vdots \end{pmatrix}$$
$$):$$

) :

March 4, 2009

**Certificate**  
MAR 09 2009  
**of Correction**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION UNDER RULE 322

Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes. A Certificate of Correction form, in duplicate, is enclosed.

109  
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Patentee's undersigned attorney may be reached in our Costa Mesa,  
California office by telephone at (714) 540-8700. All correspondence should continue to  
be directed to our address given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Frank L. Cire', is written over a horizontal line.

Frank L. Cire  
Attorney for Patentee  
Registration No.: 42,419

FITZPATRICK, CELLA, HARPER & SCINTO  
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# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO. : 7,397,483 B1  
DATED : July 8, 2008  
INVENTOR(S) : Hiroaki Sugiura

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### COVER SHEET:

(56) Foreign Patent Documents, "JP 8237497 9/1996" should read -- JP 8-237497 9/1996 --.

### COLUMN 3:

Line 30, " $X_0 \leq X \leq X_1$  and  $Y_0 \leq Y \leq Y_1$ " should read --  $X_0 \leq X \leq X_1$  and  $Y_0 \leq Y \leq Y_1$  --; and  
Line 48, "include din" should read -- included in --.

### COLUMN 4:

Line 44, " $(0 \leq XX \leq 1)$ " should read --  $(0 \leq XX \leq 1)$  --;  
Line 47, " $(0 \leq YY \leq 1)$ " should read --  $(0 \leq YY \leq 1)$  --; and  
Line 67, " $X_0 \leq X \leq X_1$ " should read --  $X_0 \leq X \leq X_1$  --.

### COLUMN 5:

Line 27, "computations;" should read -- computations, --.

### COLUMN 6:

Line 28, "if  $u > v$ , since  $uL > vL$ ,  $\text{INT}(uL \geq \text{INT}(vL))$ , i.e.,  $u' \geq v'$ ," should read -- if  $u > v$ , since  $uL > vL$ ,  $\text{INT}(uL \geq \text{INT}(vL))$ , i.e.,  $u' \geq v'$ ; --; and  
Line 29, "if  $v > u$ , since  $vL > uL$ ,  $\text{INT}(vL \geq \text{INT}(uL))$ , i.e.,  $v' \geq u'$ ," should read -- if  $v > u$ , since  $vL > uL$ ,  $\text{INT}(vL \geq \text{INT}(uL))$ , i.e.,  $v' \geq u'$ ; --.

### COLUMN 7:

Line 7, " $X_0 \leq X \leq X_1$ ," should read --  $X_0 \leq X \leq X_1$  --;  
Line 8, " $Y_0 \leq Y \leq Y_1$ , and  $Z_0 \leq Z \leq Z_1$ ," should read --  $Y_0 \leq Y \leq Y_1$ , and  $Z_0 \leq Z \leq Z_1$ . --; and  
Lines 46-49, " $(L-u')P000+(u'-w')P100+u'>w' \geq v'$ ,  $P = \frac{(w'-v')P110+v'P111}{L}$ " should read --  $(L-u')P000+(u'-w')P100+u'>w' \geq v'$ ,  $P = \frac{(L-u')P000+(u'-w')P100+(w'-v')P101+v'P111}{L}$  --.

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COLUMN 10:

Line 17, " $X0 \leq X \leq X1$ ," should read --  $X0 \leq X \leq X1$ , --;  
Line 18, " $Y0 \leq Y \leq Y1$ ,  $Z0 \leq Z \leq Z1$ ," should read --  $Y0 \leq Y \leq Y1$ ,  $Z0 \leq Z \leq Z1$ , --;  
Line 42, "when  $u' > w' > v'$ ," should read --  $u' > w' \geq v'$ , --;  
Lines 45-54, "when  $w' > u' > v'$ ,  $P = ((L - w')P000 + (w' - u')P001 + (u' - v')P101 + v'P111)/L$ ,  
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Line 57, "claim 1" should read -- claim 1, --;  
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Line 1, "claim 1" should read -- claim 1, --;

Line 3, "claim 1" should read -- claim 1, --;

Line 17, " $X_0 \leq X \leq X_1 \leq Y_0 \leq Y \leq Y_1, Z_0 \leq Z \leq Z_1$ ," should read --  $X_0 \leq X \leq X_1, Y_0 \leq Y \leq Y_1, Z_0 \leq Z \leq Z_1$ , --;

Line 30, "three dimensional" should read -- three-dimensional --;

Line 43, "when  $u' > w' > v'$ ," should read -- when  $u' > w' \geq v'$ ; --; and

Lines 44-54, "when  $w' > u' > v'$ ,  $P = ((L - w')P_{000} + (w' - u')P_{001} + (u' - v')P_{101} + v'P_{111})/L$ ,

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-- when  $w' \geq u' > v'$ ,  $P = ((L - w')P000 + (w' - u')P001 + (u' - v')P101 + v'P111)/L$ ,

when  $w' \geq v' \geq u'$ ,  $P = ((L - w')P000 + (w' - v')P001 + (v' - u')P011 + u'P111)/L$ ,

when  $v' > w' \geq u'$ ,  $P = ((L - v')P000 + (v' - w')P010 + (w' - u')P011 + u'P111)/L$ ,

when  $v' \geq u' > w'$ ,  $P = ((L - v')P000 + (v' - u')P010 + (u' - w')P110 + w'P111)/L$  --; and --,

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